



OLYMPIC KILNS

BUILT BETTER FOR MORE THAN 50 YEARS

GLASS FIRING KILNS



OLYMPIC KILNS – 1st to Create ...

- the 28 inch, 12-sided electric kiln
 - the oval design for glass and ceramics
 - the electric raku for glass and ceramics
 - affordable large-capacity size glass kilns
 - square designed 120-volt glass firing kiln
 - a glass kiln with two different loading capabilities – top and clamshell loading – in a single kiln
 - a glass firing kiln with a sliding floor
-

www.greatkilns.com

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The question is not, "Is there is a glass kiln for me?"
The question is, "Which model do I choose?"

How to choose the Olympic kiln that's right for you.

Power – Electrical Hookup

- Determine Your Power Source – 120 volt? or 240?
The power available will help determine which model will be your best choice.

Your new kiln must have the proper outlet and breaker to supply adequate voltage, amperage and provide the performance it is designed to give. An incorrect connection may cause disappointing or even hazardous results. A qualified electrician needs to be consulted to determine whether your wiring is adequate. Electric kilns running on 120 volts will plug into a standard outlet if the power cord is NEMA 5-15 but will require a NEMA 5-20 receptacle if the power cord is 5-20. Standard kilns will run on 240 volts, single phase. If your kiln was ordered 208 volts, single or three-phase power, it will be noted on the nameplate on the kiln. Larger glass fusing kilns may be wired for 240, 208, 380, or 480 volts; single or three phase. Most commercial kilns require direct wiring and a receptacle outlet is not required. Any kiln ordered three-phase will be direct wired.

What size pieces will you be firing during the next 12 months?

The width and height of your pieces will help you select the model with dimensions that fit your firing needs.

Determine Kiln Location

Adequate space – at least 12 inches of space between the kiln and the wall. (However, for operator comfort, allow room to walk around the kiln if maintenance is required. Stackable kilns require tightening of the kiln rings while firing for proper alignment.)

All flammable materials such as curtains, plastics, etc. in the area of the kiln should be removed.

Choose a dry, well-ventilated area with good access to allow easy loading and unloading yet out of the way of children and other activities.

Position the kiln with the observation holes clearly visible and the electronic controller within easy reach. For kilns equipped with a power cord, place the kiln to the left of the proper electrical outlet so that the kiln can be plugged in without touching the metal jacket.

Because all kilns generate heat, the stand or frame should be placed on a cement floor. Tiles or linoleum could be damaged without this precaution.

If the kiln is to be placed outside, ensure that moisture is not permitted. Use a roof over the kiln or some type of water resistant tarp when the kiln is not being fired.

Remember to use sheet metal or non-flammable material to shim the legs when leveling the kiln.

IDENTIFYING OLYMPIC MODELS

Olympic Model Names:

Olympic model names are mostly a combination of letters and numbers. The letters are an abbreviation of the design of the kiln and the numbers provide the size of the kiln in width and depth. Large capacity glass fusing kilns letters provide cubic feet of the interior dimensions of the model. Some models have unique names without numbers.

Examples:

SQ146GFE

SQ – Square design

146 – the kiln inside measurements are 14.5" x 14.5" wide x 6" deep

GFE – Glass Fusing equipped with an electronic controller

GF12E

GF – Glass Fusing

12 – 12 cubic feet interior dimensions

E – Equipped with an electronic controller

Letter Abbreviations:

- Bell – Chamber lifted by electronic wrench for ware loading on kiln floor
- CS – Clamshell Loading
- DM – Dual Media model fires to high temperatures for ceramics as well as lower temperatures for glass firings.
- E – Equipped with an electronic controller
- FL – Front Loading
- GF – Glass fusing model
- GFR – Glass fusing rectangle
- GLift – Guillotine Lift opens the door on a front loading model
- HB – HotBox small 120 volt kilns that reach high firing temperatures quickly
- Slider – Model designed with a sliding floor
- TLC – Top and Clamshell loading
- TopHat – Entire chamber lifts by a hand wrench providing easy access for loading and unloading ware and for combing glass. TopHats are dual media kilns and can be used to fire ceramics and glass.

NOTHING STOPS DIANN!

Nothing stops Diann's creativity from flowing because she has the equipment to get any size project accomplished. Surrounded by Olympic kilns – big, small and in-between sizes – Diann knows she will get all of her customers' projects done, as well as her own.

Get your creativity flowing – visit us at www.greatkilns.com to find your kiln for fusing, casting, slumping and more.



Diann Reina, owner of Stained Glass Crafters Workbench, San Antonio, Texas. Visit www.sgcbench.com for glass art courses, custom glass work and supplies.

RECEIVING YOUR KILN SHIPMENT

Olympic Kilns packs and ships its merchandise so that it will arrive at its destination undamaged. Olympic orders are FOB origin when they leave our loading dock. This means we hold the carrier's receipt that your order left in good condition. We do not allow any deductions from invoices for damaged ware. It is the receiver's responsibility to understand and comply with practices as described in this section. The carrier is responsible for transporting your freight but not for unloading it.

Ground services, such as UPS, will deliver smaller shipments to your door. However, for shipments delivered by freight carrier, a lift gate is required if you do not have a loading dock.

If you do not have a loading dock, a lift gate for transporting the freight from the truck to ground level is required upon delivery. You will need to request lift gate service when ordering your kiln from your Olympic dealer.

Otherwise, additional freight charges will be incurred upon delivery of freight. It is your responsibility to move the freight from the truck to its place of use.

If you do not have a loading dock, a lift gate for kilns on pallets no larger than 5 ft. x 5 ft. is available for transporting the freight from the truck to ground level. Olympic Large Capacity Glass Fusing kilns will not fit on a lift gate.

The receiver will need to have a forklift to remove the freight from the truck. If you do not have access to a forklift, check online for small moving companies that can take the freight off the long distance carrier and move the freight to the desired location. Give any prospective mover a physical description and the weight of the kiln, and inform them that it is designed to be picked up with a pallet truck or forklift only. Check several sources for quotes so that you can get the best price.



ANNEALING KILNS – 120 VOLT



Annealing is one of the steps of firing glass. Kilns are programmed to slowly cool (anneal) glass to eliminate any stress after it is formed. Glass pieces may crack or shatter when subject to small temperature change or mechanical shock and annealing glass is critical to its durability. If glass is not annealed, it will retain many of the internal stresses caused by firing it and significantly decrease the overall strength of the glass. Olympic kilns equipped with an electronic controller can be programmed to heat the glass to the desired form and once achieved, the controller is programmed to decrease temperature to a set annealing temperature to strengthen or harden the piece for long life.

Front loading models are ideal for firing jewelry, wax burnout, metal melting, raking and combing.

Annealer



Inside Dims: 24" x 8" x 6"
 Outside Dims: 29.5" x 16" x 16.5"
 120 volt – 20 amp breaker required.
 Maximum firing temperature – 1700°F/927°C. The 3 Key controller can be mounted on side or below firing chamber.



Bead Door



All front loading glass firing models come equipped with a bead door for annealing.

Inside Dims: 11.25" x 9" x 9.75" /
 Outside Dims: 23.5" x 14" x 22.5"
 120 volt – 20 amp breaker required. Maximum firing temperature – 2250°F/1232°C. Any Olympic controller can equip this model. Model can be built with a side hinged door, a bottom hinged door, or guillotine lift. Please specify when ordering. Comes with bead door not shown. Far right photo shows model with guillotine lift.

129FLE



139FLE



Inside Dims: 12.5" x 9" x 7.75" / Outside Dims: 23.5" x 14" x 20.5"
 120 volt – 20 amp breaker required. Maximum firing temperature - 2250°F/1232°C.
 Any Olympic controller can equip this model. Model can be built with a side hinged door, a bottom hinged door, or guillotine lift. Please specify when ordering. Far right photo shows model with guillotine lift and bead door.



1210FLE



Inside Dims: 12" x 12" x 10"
 Outside Dims: 17" x 18.5" x 23"
 120 volt – 20 amp breaker required
 Maximum firing temperature -1700°F/927°C.
 The 1210FLE is equipped with the 3 Key controller, guillotine lift and punty door for annealing.



1214FLE



Inside Dims: 11.25" x 13.5" x 9.75" / Outside Dims: 23.5" x 18.5" x 22.5"
20 amp breaker required.

Maximum temperature – 2300°F/1260°C. Model can be built with a side hinged door, bottom hinged door, or guillotine lift. Please specify when ordering. Comes with bead door not shown.

149FLE



Inside Dims: 14.5" x 9" x 10" / Outside Dims: 26.5" x 14" x 22.5"
20 amp breaker required.

Maximum temperature – 2300°F/1260°C. Model can be built with a bottom hinged door, or guillotine lift. Please specify when ordering. Comes with bead door not shown.

1414FLE



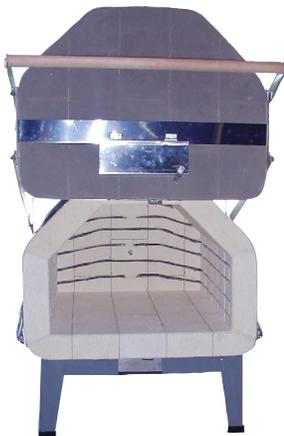
Inside Dims:
14.5" x 13.5" x 10"
Outside Dims:
26.5" x 18.5" x 22.5"
20/30 amp breaker required.
Maximum temperature –
2300°F/1260°C.

Model can be built with a bottom hinged door, or guillotine lift. Please specify when ordering.



The larger 240-208 volt front loading kilns, 14" – 18" wide, come in six different sizes. Although the kilns are tag rated to 1700°F, they can fire as high as 2300°F. The larger Olympic front loaders are equipped with bottom hinged doors and bead/punty doors. Options available include guillotine lift and quartz viewing window. Please specify when ordering. Choose from four controllers – 3 Key, RTC-1000, V6-CF, or Genesis.

1818FLE



Inside Dims: 17.5" x 18" x 12"
Outside Dims: 30.5" x 23" x 22.5"
30 amp breaker required.
Maximum temperature –
2300°F/1260°C.
Model can be built with a bottom hinged door, or guillotine lift. Please specify when ordering.

1823FLE



Inside Dims: 17.5" x 22.5" x 12" / Outside Dims: 30.5" x 27" x 22.5"
40 Amp Breaker Required. Maximum temperature – 2300°F/1260°C.
Model can be built with a bottom hinged door, or guillotine lift. Please specify when ordering.

2412FLE

Inside Dims: 24" x 12" x 12"
Outside Dims: 31" x 18" x 24"
30 Amp Breaker Required.
Maximum firing temperature -1800°F/982°C. The 2412FLE is equipped with a guillotine lift and two punty doors for annealing.



CRUCIBLE 18 for Hot Glass



Stainless steel trough protects kiln brick when gathering glass



Counter weighted lid cover makes gathering glass safe and easy



Four sets of elements can be used for rapid heat up. Two sets are required to maintain temperature, and two sets in reserve to prevent unwanted cooling if an element is lost while firing.



Heavy insulation – The Crucible 18 is built with 3" thick brick walls and 1" fiber blanket surrounded by a solid stainless steel jacket. A 1" ceramic fiberboard gasket retains the heat in the kiln when gathering glass from the crucible. (Customized gaskets can be cut to the size of crucible when the kiln is ordered). The 3" thick separate kiln bottom may be turned over or easily replaced if damaged.

Inside dimensions – 17.5" wide x 18" deep, 2.63 cu. ft.

Outside dimensions – 31" wide x 39" deep x 35.5" high (kiln), 51.5" high (counter weight)

Shipping Weight – 270 lbs.

240 volt – 48 amps – 11,500 watts
Requires a 60 amp breaker, NEMA 6-50 receptacle
#6 or #4 copper wire size if circuit longer than 40 ft.

Maximum temperature – 2350°F

- Automatic lid shut-off – elements are off when the lid of the kiln is opened
- Electronic controller – Bartlett 3 Key with 4 ramp/hold programs
- Type K or S thermocouple

120 VOLT

Round heat-treating 120 volt kilns are ideal for all types of small fused glass and precious metal clay jewelry projects. Olympic 12", 14" and 18" round cylindrical kilns run on 120 volts and fire to 1700°F/927°C degrees.

126GFE



Inside Dims: 11.25" x 6"
Outside Dims: 23" x 26.5"
120 volt, 20 amp breaker required.
Maximum temperature – 1700°F/927°C

CHAMP



Inside Dims: 14.5" x 6"
Outside Dims: 28.5" x 29"
120 volt, 20 amp breaker required.
Lid element only.
Maximum temperature – 1700°F/927°C

146GFE



Inside Dims: 14.5" x 6"
Outside Dims: 28.5" x 29"
120 volt, 20 amp breaker required.
Maximum temperature – 1700°F/927°C

186GFE



Inside Dims: 17.5" x 6"
Outside Dims: 34" x 33"
120 volt, 20 amp breaker required.
Maximum temperature – 1700°F/927°C
Shown with optional Lid Lift Assist.

240-208 VOLT

Round heat-treating 240 volt kilns provide extra power and depth. Olympic 12", 14" and 18" round cylindrical kilns run on 240-208 volts and fire to 1700°F/927°C degrees.

149GFE



Inside Dims: 14.5" x 9"
Outside Dims: 26.5" x 32"
240-208 volt
20/30 amp breaker required.
Maximum temperature – 1700°F/927°C
Can be adjusted on controller to higher temperatures.
Clamshell loading available.

1414GFE



Inside Dims: 14.5" x 13.5"
Outside Dims: 26.5" x 36.5"
240-208 volt
20/30 amp breaker required.
Maximum temperature – 1700°F/927°C
Can be adjusted on controller to higher temperatures. Clamshell loading design available.

189GFE



Inside Dims: 17.5" x 9"
Outside Dims: 29.5" x 32"
240-208 volt / 30 amp breaker required.
Maximum temperature – 1700°F/927°C
Can be adjusted on controller to higher temperatures.
Clamshell loading design available.

1814GFE



Inside Dims: 17.5" x 13.5"
Outside Dims: 29.5" x 36.5"
240-208 volt
40 amp breaker required.
Maximum temperature – 1700°F/927°C
Can be adjusted on controller to higher temperatures. Clamshell loading design available.

ROUND (CYLINDRICAL) GLASS FIRING

240-208 VOLT

Olympic round cylindrical kilns that run on 240-208 volts are built for larger glass fusing and slumping projects. Models 23" wide and larger are equipped with a lid lift assist for easy opening and closing of the lid.

239GFE



Inside Dims: 23 3/8" x 9" Outside Dims: 35" x 46" x 36" 240-208 volt – 40/50 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures. Comes equipped with Lid Lift Assist for easy opening and closing of kiln lid. Clamshell loading design available.

2314GFE



Inside Dims: 23 3/8" x 13.5" Outside Dims: 35" x 46" x 41" 240-208 volt – 50/60 Amp Breaker Required. Maximum temperature – 1700°F/927°C Can be adjusted on controller to higher temperatures. Comes equipped with Lid Lift Assist for easy opening and closing of kiln lid. Clamshell loading design available.

289GFE



Inside Dims: 28.25" x 9" Outside Dims: 42" x 53" x 37" 240-208 volt – 40/50 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures. Comes equipped with Lid Lift Assist for easy opening and closing of kiln lid. Clamshell loading design available.

2814GFE



Inside Dims: 28.25" x 13.5" Outside Dims: 42" x 53" x 42" 240-208 volt – 50/60 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures. Comes equipped with Lid Lift Assist for easy opening and closing of kiln lid.

Easy Access for All Types of Heat-Treating, Glaze, Bisque, Raku and Glass Firings!

Olympic TopHat models can be used for heat-treating, ceramics, raku and glass firings. The unique design of the kiln, with the lifted firing chamber, retains the heat within the firing chamber even when opened. Once the firing chamber is lifted by a hand crank, accessibility is available from all sides making it easy for loading and unloading of ware. TopHat models have lid elements for glass fusing and high fire to cone 10, 2350°F/1288°C for glass casting, pottery and ceramics. Models come in widths ranging from 18" to 28" and depths of 9" or 13.5".



TopHat 189



Inside Dims: 17.5" x 9" Outside Dims: 39" x 56" 240-208 volt 40 Amp Breaker Required. Maximum temperature 2350°F/1288°C

TopHat 2314



Inside Dims: 23 3/8" x 13.5" Outside Dims: 41" x 66" 240-208 volt 60/70 Amp Breaker Required. Maximum temperature 2350°F/1288°C

TopHat 2814



Inside Dims: 28.25" x 13.5" Outside Dims: 36" x 49" x 66" 240-208 volt 6/70 Amp Breaker Required. Maximum temperature 2350°F/1288°C

TopHat 2827



Inside Dims: 28.25" x 27" Outside Dims: 42" x 49.5" x 72" 240-208 volt 80/90 Amp Breaker Required. Maximum temperature 2350°F/1288°C

SQUARE GLASS FUSING & PMC FIRING KILNS

120 VOLT

Be inspired with dynamic shaped square kiln firing equipment for heat-treating your artistic expressions. Fire glass and precious metal clay in Olympic square designed kilns which provide unlimited freedom on what you can create. Choose from multiple widths available to move you forward in your creativity.

Hotsie



Inside Dims: 8" x 8" x 4.5"
 Outside Dims: 17.5" x 13" x 13"
 20 Amp Breaker Required.
 Maximum temperature – 2350°F/1288°C.
 The 3 Key controller equips the Hotsie and sections are not hinged.

HB84E



Inside Dims: 8" x 8" x 4.5"
 Outside Dims: 17.5" x 13" x 13" – 20 Amp Breaker Required.
 Maximum temperature – 2350°F/1288°C. The 3 Key controller equips the HB84E and sections are not hinged.

HB86E



Inside Dims: 8" x 8" x 6.5"
 Outside Dims: 17.5" x 13" x 16.5"
 20 Amp Breaker Required.
 Maximum temperature – 2350°F/1288°C.
 The 3 Key controller equips the HB86E and sections are not hinged. Shown with and without optional bead collar.



HB86P Vitrigraph



An optional **bead or blank collar** can be added to Hotboxes for additional depth. Inside Dims: 8" x 8" x 4.5". Maximum Temperature with either collar – 2000°F/1093°C.

Champ XL



Inside Dims: 14.5" x 14.5" x 6"
 Outside Dims: 24" x 24" x 29"
 20 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C.
 Any controller is optional. The Champ XL is equipped with a lid element only.



The HB86P Vitrigraph is a 120 volt model with interior dimensions of 8" x 8" wide x 6.5" deep and temperature control by infinite switch. Vitrigraphing is made easy with an adjustable stand ranging from 23" to 33" high. The HB86P Vitrigraph includes two (2) floors – 1 – fiber, 1 – cordierite with holes for stringers to flow through. An optional brick floor for firing the kiln during regular use slumping, fusing, jewelry making, testing, etc. is available. An electronic controller is optional. 20 Amp Breaker Required. Maximum temperature – 2350°F/1288°C.

126 Lite



Inside Dims: 12.5" x 12.5" x 6"
 Outside Dims: 19.5" x 16" x 20"
 20 Amp Breaker Required. Maximum temperature – 1700°F/927°C. The 126 Lite comes with a hinged lid, 3 Key controller and lid element. Fiber walls make this model a light weight for shipping at 60 lbs. Fiber walls have binders that emit an odor during the first firing. We recommend opening doors and windows when firing the 126 Lite the first time.

The Traveler



The Traveler runs on 120 volts and can be easily moved from one location to another with the attached wheels. When the lid is closed, the Traveler can travel in your vehicle to your destination of choice (Outside Dims: 23" wide x 19" deep x 28.25" high). It is equipped with a 3K-CF controller for ramp/hold and cone fire programming. A selector switch on the kiln determines whether the lid or body elements are used when firing the kiln. The Traveler is built in sections but is not designed to come apart.



SQUARE GLASS FUSING & PMC FIRING KILNS



Denny Berkery, The Vinery, with pieces fired in his Square 146GFE.

MEDIUM – We decided some folks need a little bit larger square. The Olympic Quatro is 16" wide with three designs available – top loading, clamshell loading or top and clamshell loading.

Inside Dims: 16.5" x 16.5" x 6"
Outside Dims: 27" x 24" x 30"
20 Amp Breaker Required. Maximum temperature – 1700°F/927°C. Top loading only. The Quatro 16 is equipped with lid & body elements and any Olympic controller is optional.

Quatro 16



Quatro 16CS



Inside Dims: 16.5" x 16.5" x 6"
Outside Dims: 26" x 34" x 30"
20 Amp Breaker Required. Maximum temperature – 1700°F/927°C. Clamshell loading only. The Quatro 16CS is equipped with lid & body elements and any Olympic controller is optional.

Quatro 16TLC



Inside Dims: 16.5" x 16.5" x 6"
Outside Dims: 26" x 34" x 30"
20 Amp Breaker Required. Maximum temperature – 1700°F/927°C. Top and clamshell loading. The Quatro 16TLC is equipped with lid & body elements and any Olympic controller is optional.

LARGE – And then there are people who have to have it BIG. Square 186GFE – 18" wide with three designs available – top loading, clamshell loading, or top and clamshell loading.



Square 186GFE

Inside Dims: 18" x 18" x 6"
Outside Dims: 32" x 26" x 33"
20 Amp Breaker Required. Maximum temperature – 1700°F/927°C. Top loading only. The SQ186GFE is equipped with lid & body elements and any Olympic controller is optional.



Square 186GFECS

Inside Dims: 18" x 18" x 6"
Outside Dims: 32" x 36" x 33"
20 Amp Breaker Required. Maximum temperature – 1700°F/927°C. Clamshell loading only. The SQ186GFECS is equipped with lid & body elements and any Olympic controller is optional.



Square 186GFETLC

Inside Dims: 18" x 18" x 6"
Outside Dims: 32" x 36" x 33"
20 Amp Breaker Required. Maximum temperature – 1700°F/927°C. Top and clamshell loading. The SQ186GFETLC is equipped with lid & body elements and any Olympic controller is optional.

120 VOLT

SMALL – The original 14.5" square 120 volt model – Olympic Square 146GFE. Three designs available – top loading, clamshell loading, or top and clamshell loading.

Square 146GFE



Inside Dims: 14.5" x 14.5" x 6"
Outside Dims: 24" x 24" x 30"
20 Amp Breaker Required. Maximum temperature – 1700°F/927°C. Top loading only. The SQ146GFE is equipped with lid & body elements and any Olympic controller is optional.

Square 146GFECS



Inside Dims: 14.5" x 14.5" x 6"
Outside Dims: 24" x 24" x 33"
20 Amp Breaker Required. Maximum temperature – 1700°F/927°C. Clamshell loading only. The SQ146GFECS is equipped with lid & body elements and any Olympic controller is optional.

Square 146GFETLC



Inside Dims: 14.5" x 14.5" x 6"
Outside Dims: 24" x 24" x 33"
20 Amp Breaker Required. Maximum temperature – 1700°F/927°C. Top and clamshell loading. The SQ146GFETLC is equipped with lid & body elements and any Olympic controller is optional.

OLYMPIC SQUARE GLASS FIRING KILNS

240-208 VOLT

Square 149GFE



Inside Dims: 14.5" x 14.5" x 9"
 Outside Dims: 28" x 22" x 32"
 20/30 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures..
 Top loading only. The SQ149GFE is equipped with lid & body elements and any Olympic controller is optional.

Square 149GF ECS



Inside Dims: 14.5" x 14.5" x 9"
 Outside Dims: 28" x 25" x 32"
 20/30 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C-can be adjusted on controller to higher temperatures.
 Clamshell loading only. The SQ149GF ECS is equipped with lid & body elements and any Olympic controller is optional.

Square 149GFETLC



Inside Dims: 14.5" x 14.5" x 9"
 Outside Dims: 28" x 25" x 32"
 20/30 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C-can be adjusted on controller to higher temperatures..
 Top and Clamshell loading. The SQ149GFETLC is equipped with lid & body elements and any Olympic controller is optional.

Square 1414GFE



Inside Dims: 14.5" x 14.5" x 13.5"
 Outside Dims: 28" x 25" x 37"
 30 Amp Breaker Required. Maximum temperature – 1700°F/927°C – can be adjusted on controller to higher temperatures. The SQ1414GFE is a top loading model equipped with lid & body elements and any Olympic controller is optional. TLC design is an available option.

LOTS OF ROOM FOR FIRING SQUARE OR OVERSIZE PIECES

Square 189GFE



Inside Dims: 18" x 18" x 9"
 Outside Dims: 30" x 24" x 32"
 30 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures..
 Top loading. The SQ189GFE is equipped with lid & body elements and any Olympic controller is optional.

Square 189GFETLC



Inside Dims: 18" x 18" x 9"
 Outside Dims: 30" x 24" x 32"
 30 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures..
 Top and Clamshell loading. The SQ189GFETLC is equipped with lid & body elements and any Olympic controller is optional.

Square 1814GFE



Inside Dims: 18" x 18" x 13.5" Outside Dims: 30" x 24" x 37" 40 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures..
 Top loading. The SQ1814GFE is equipped with lid & body elements and any Olympic controller is optional.

Square 1814GFETLC



Inside Dims: 18" x 18" x 13.5" Outside Dims: 30" x 24" x 37" 40 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures. Top and clamshell loading. The SQ1814GFETLC is shown with optional fiber lid with lid elements in quartz rods. Any Olympic controller is optional.

GF2E

Inside Dims: 20" x 20" x 9"
 Outside Dims: 36" x 49" x 36"
 30/40 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures..
 Top loading only. The GF2E is equipped with a lid lift assist for easy opening and closing of lid, both lid & body elements and any Olympic controller is optional.

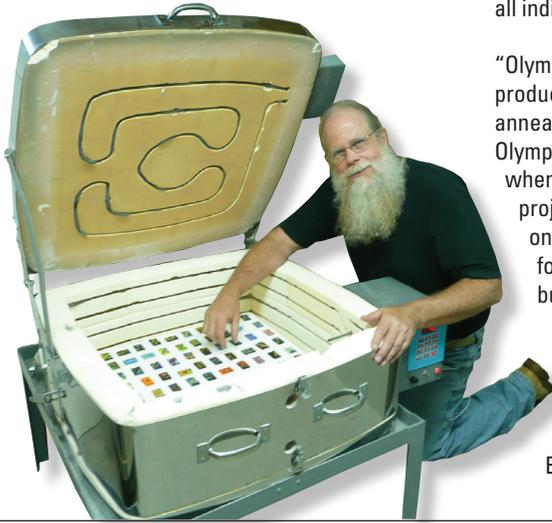


GF2ETLC

Inside Dims: 20" x 20" x 9"
 Outside Dims: 36" x 49" x 36"
 30/40 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures..
 Top and Clamshell loading. The GF2ETLC is equipped with body and lid elements, a lid lift assist and gas struts for easy opening and closing of lid and body. Any Olympic controller is optional.



RENAISSANCE MAN



240-208 VOLT

Renaissance Man, Denny Berkery, knows glass and he knows kilns. Berkery, who has a retail shop in Madison, WI, opens his doors to all individuals interested in glass art.

“Olympic consistently brings innovative products to the glass market for fusing and annealing. Here at the studio, we use an Olympic 30 oval and GF3ETLC to fire pieces when we have a large class. For smaller projects the Square 146 glass kiln that runs on 120 volts is ideal. It’s also a great kiln for the home artist who wants a large kiln, but only has 120 volt power.”

Renaissance Artist? Go with a renaissance kiln company – Olympic Kilns, www.greatkilns.com and for more about renaissance man, Denny Berkery, visit www.vineryglass.com.

GF3E



Inside Dims: 25" x 25" x 9"
 Outside Dims: 39.5" x 53" x 39"
 50/60 Amp Breaker Required. Maximum temperature - 1700°F/927°C – Can be adjusted on controller to higher temperatures.. Top loading. The GF3E is equipped with a lid lift assist for easy opening and closing of lid, both lid & body elements and any Olympic controller is optional

Inside Dims: 25" x 25" x 9"
 Outside Dims: 39.5" x 53" x 39"
 50/60 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures. Top and Clamshell loading. The GF3ETLC is equipped with lid and body elements, a lid lift assist and gas struts for easy opening and closing of lid and body. Any Olympic controller is optional.



GF3ETLC



GF5ETLC



GF5E



Inside Dims: 29" x 29" x 9" Outside Dims: 43" x 58" x 39"
 50/60 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures. Top loading. The GF5E is equipped with a lid lift assist for easy opening and closing of lid, both lid & body elements and any Olympic controller is optional.

Inside Dims: 29" x 29" x 9" Outside Dims: 43" x 58" x 39"
 50/60 Amp Breaker Required. Maximum temperature – 1700°F/927°C
 Can be adjusted on controller to higher temperatures.. Top and Clamshell loading. The GF3ETLC is equipped with lid and body elements, a lid lift assist and gas struts for easy opening and closing of lid and body. Any Olympic controller is optional.

OLYMPIC SQUARE GLASS FIRING KILNS

240-208 VOLT

GF214ETLC



Inside Dims: 20" x 20" x 13.5"
 Outside Dims: 36" x 53" x 41"
 40/50 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures.. Top and Clamshell loading. The GF214ETLC is equipped with lid and body elements, lid lift assist and gas struts for easy opening and closing of lid and body. Any Olympic controller is optional. Available in Top loading only design.



*Peggy Pettigrew Stewart,
 Artist and Teacher*

GF314ETLC



Inside Dims: 25" x 25" x 13.5" / Outside Dims: 39.5" x 53" x 43"
 60 Amp Breaker Required. Maximum temperature – 1700°F/927°C– Can be adjusted on controller to higher temperatures.. Top and Clamshell loading. The GF314ETLC is equipped with lid and body elements, lid lift assist and gas struts for easy opening and closing of lid and body. Any Olympic controller is optional. Available in Top loading only design.

GF314E



Inside Dims: 25" x 25" x 13.5"
 Outside Dims: 39.5" x 53" x 43"
 60 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures. Top loading. The GF314E is equipped with lid and body elements, lid lift assist and gas struts for easy opening and closing of lid and body. Any Olympic controller is optional.

GF514ETLC



Inside Dims: 29" x 29" x 13.5"
 Outside Dims: 42" x 58" x 43" 60 Amp Breaker Required. Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures.. Top and Clamshell loading. The GF514ETLC is equipped with lid and body elements, lid lift assist and gas struts for easy opening and closing of lid and body. Any Olympic controller is optional. Available in Top loading only design.



OLYMPIC SLIDERS

146 Slider



Inside Dims: 14.5" x 14.5" x 6"
 Outside Dims: 30" x 22-35.5" x 20"
 120 volt, 20 Amp Breaker Required.
 Maximum temperature - 1700°F/927°C.
 Clamshell loading.

149 Slider



Inside Dims: 14.5" x 14.5" x 9"
 Outside Dims: 32" x 22-36" x 21"
 240-208 volt, 20/30 Amp Breaker Required. Maximum
 temperature - 1700°F/927°C - Can be adjusted on
 controller to higher temperatures. Clamshell loading.

Clamshell designed square kiln with sliding floor for ease in loading & glass manipulation. A sleek wood handle keeps things cool so you can concentrate on things hot. The Slider lid brace arm is built into the side of the kiln and locks in place when the firing chamber is opened. Olympic Sliders ship completely assembled on a heavy angle iron stand and are ready to fire. Sliders come equipped with the RTC-1000 12 key digital controller or you can upgrade to the new Genesis controller with touch screen technology.

189 Slider



Inside Dims: 18" x 18" x 9"
 Outside Dims: 35" x 30-44" x 31"
 240-208 volt
 30 Amp Breaker Required.
 Maximum temperature - 1700°F/927°C - Can be adjusted on
 controller to higher temperatures. Clamshell loading.

Some people make good use of their kiln all the time! Harmony Stained Glass in Pasadena, TX makes sure lunch is warm when it's time to eat.



The 314 and 514 Sliders have a gas strut that opens the firing chamber with ease and the sleek wooden handle keeps things cool as you slide the kiln floor out fully extended.

314 Slider



Outside Dims: 39.5" x 47-62" x 43"
 240-208 volt
 60 Amp Breaker Required.
 Maximum temperature - 1700°F/927°C
 - Can be adjusted on controller to higher
 temperatures. Clamshell loading.

514 Slider



Inside Dims: 29" x 29" x 13.5"
 Outside Dims: 43" x 58-67" x 43"
 240-208 volt
 60 Amp Breaker Required.
 Maximum temperature - 1700°F/927°C - Can
 be adjusted on controller to higher temperatures.
 Clamshell loading and Lid Lift Assist.

OLYMPIC OVAL & RECTANGLE MODELS

240-208 VOLT

209GFE



Inside Dims: 30" x 20" x 9"
 Outside Dims: 41" x 43" x 39"
 40/50 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C
 Can be adjusted on controller to higher temperatures. Comes equipped with a Lid Lift Assist for easy opening and closing of kiln lid. Shown with optional bead door. Available 13.5" deep – 2014GFE.

259GFE



Inside Dims: 37" x 25" x 9"
 Outside Dims: 50" x 48" x 39"
 40/50 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C
 – Can be adjusted on controller to higher temperatures. Comes equipped with a Lid Lift Assist for easy opening and closing of kiln lid.

2514GFE



Inside Dims: 37" x 25" x 13.5"
 Outside Dims: 50" x 48" x 43"
 50/60 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C
 Can be adjusted on controller to higher temperatures. Comes equipped with a Lid Lift Assist for easy opening and closing of kiln lid.

309GFE



Inside Dims: 42" x 30" x 9"
 Outside Dims: 55" x 53" x 39"
 50/60 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures..
 Comes equipped with a Lid Lift Assist for easy opening and closing of kiln lid.

3014GFE



Inside Dims: 42" x 30" x 13.5"
 Outside Dims: 55" x 53" x 43"
 60/70 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C
 – Can be adjusted on controller to higher temperatures.. Comes equipped with a Lid Lift Assist for easy opening and closing of kiln lid.



If additional height is needed inside the kiln, Olympic can build the oval to accommodate the depth required. Lid lift assist is standard on all ovals but models may be purchased without it. Cordierite shelving for ovals consists of two half round shelves and one rectangle shelf to make the shape of the oval when you need to stagger ware. Cordierite full shelves are available for the 20, 25 & 30 ovals and smooth ceramic fiberboard can be cut to fit as a full shelf for the oval models.



GFR2014E

Inside Dims: 30" x 20" x 13.5"
 Outside Dims: 45" x 40" x 41"
 60/70 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C – Can be adjusted on controller to higher temperatures.
 Comes equipped with a Lid Lift Assist for easy opening and closing of kiln lid.

Can't make up your mind whether you want a square or oval? How about a rectangle to satisfy both square and oval needs? The Olympic GFR2014E is the kiln for you!

LARGE CAPACITY GLASS FIRING KILNS

240-208-480 VOLT

***Stan dreams big ... Stan thinks big ...
Now, Stan can create BIG!***



Stan Price, Covenant Art Glass of Everett, Washington, asked Olympic Kilns to create a custom bell kiln so that he could create larger commission pieces. Working with Stan, Olympic Kilns designed a 29 cubic foot bell kiln (electronic lifting chamber) with a rollout floor. Stan thinks big, and now he can create big! Learn more about Stan at www.covenantartglass.com.

See what Olympic Kilns can do for you!

Olympic Kilns builds affordable powerful volume producing glass kilns. Users are provided with equipment that handles capacity loads and large pieces with ease. The Large Capacity Glass Fusing kilns have many outstanding features and can be designed as top loading, clamshell loading, or both top and clamshell loading; and as a Bell design with the firing chamber electronically raised and lowered and a removable floor for convenient loading and unloading.



**OLYMPIC BELL LARGE CAPACITY
GLASS MODEL**

240-208 VOLT

Large Capacity Glass Fusing Kilns

Olympic Kilns builds affordable, powerful glass firing kilns for industrial, commercial and production volume use. These models handle large capacity loads with ease and are extremely durable and long lasting. Our large glass firing kilns have many outstanding features including design options of top loading, guillotine lift, clamshell loading or bell loading options for convenient loading and unloading.

The frames of the Large Capacity kilns are built of heavy angle iron and metal tubing. Kiln walls are 4 1/2" thick constructed of insulating brick, 1" ceramic fiber board and 1" air space created by the tube frame. The design results in an energy efficient kiln with a cooler surface and outside temperature. Olympic's large capacity glass firing kilns have double insulated floors consisting of brick and ceramic fiberboard. The binder in the ceramic board insulation will emit an odor during the first firing. This is normal and will not occur after the kiln has been fired for the first time. The lids of the top loading models are comprised of pyro-brick modules and a counter-sprung lid for easy opening and closing of the kiln lid. Our large capacity kilns are equipped with heavy gauge elements and industrial mercury relays for longevity. These heavy duty models come equipped with hinged electrical boxes and are equipped with their own breaker boxes (if over 50 amps) for easy access, safety and lockout.

Custom-made Large Capacity glass firing kilns quoted upon request.



Stained glass window created in a custom Olympic GF24E for All Saints Chapel, Madison, WI, by Mark Pendl, Joshua Langer, Josh Krogman, and Denny Berkery. For more information about the window, contact The Vinery Stained Glass Studio – www.vineryglass.com, and for information about great glass firing kilns, call 800-241-4400 or visit www.greatkilns.com.



**OLYMPIC CLAMSHELL LOADING
LARGE CAPACITY GLASS MODEL**



CUSTOM OLYMPIC GF24E

LARGE CAPACITY GLASS FIRING KILNS

240-208 VOLT



**GF8E
Top Loading**

Inside Dims: 48" x 28" x 12"
 Outside Dims: 70" x 51" x 56"
 240-208 volt 60/70 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C
 Comes equipped with gas struts for easy opening and closing of kiln lid.
 Clamshell loading and TLC Top and Clamshell loading designs available.



**GF10ECS
Clamshell
Loading**

Inside Dims: 48" x 30" x 12" / Outside Dims: 72" x 60" x 56"
 240-208 volt
 70/80 Amp Breaker Required.
 Maximum temperature - 1700°F/927°C
 Comes equipped with gas struts for easy opening and closing of kiln chamber. Top Loading only and TLC – Top and Clamshell loading designs available.



GF12ECS

Inside Dims: 60" x 30" x 12" / Outside Dims: 82" x 60" x 56"
 240-208 volt 80/90 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C
 Comes equipped with gas struts for easy opening and closing of kiln chamber.
 Top Loading only and TLC – Top and Clamshell loading designs available.



**GF15ECS
Clamshell
Loading**

Inside Dims: 60" x 36" x 12"
 Outside Dims: 82" x 68" x 56"
 240-208 volt 90/100 Amp Breaker Required. Maximum temperature - 1700°F/927°C – Comes equipped with gas struts for easy opening and closing of kiln chamber. Top Loading only and TLC – Top and Clamshell loading designs available.



**GF17ETLC –
Top Loading
and
Clamshell
Loading**

Inside Dims: 65" x 30" x 15"
 Outside Dims: 89" x 65" x 59"
 240-208 volt
 120/140 Amp Breaker Required.
 Maximum temperature – 1700°F/927°C
 Comes equipped with gas struts for easy opening and closing of kiln lid and chamber. Top Loading only and Clamshell loading designs available.



240-208 VOLT

GF32E BELL – BELL LOADING

Inside Dims: 96" x 48" x 12"

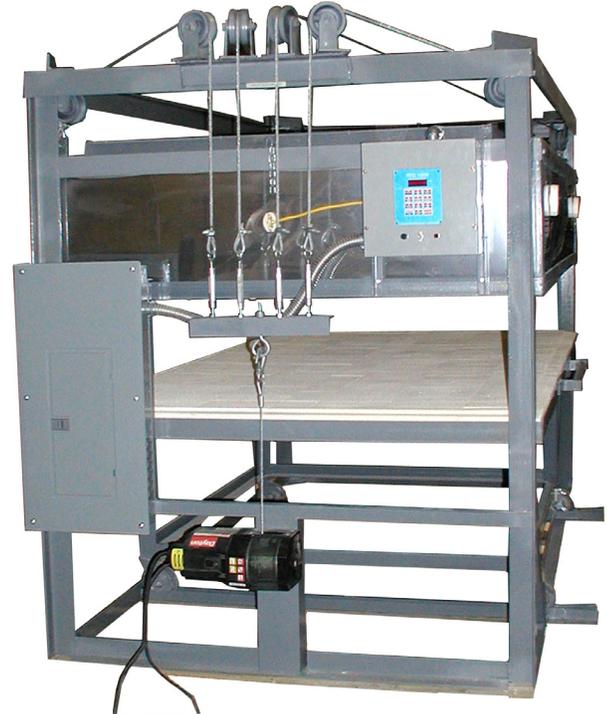
Outside Dims: 115" x 65" x 77"

240-208 volt

120/138 Amp Breaker Required.

Maximum temperature – 1700°F/927°C

Comes equipped with electric winch for easy opening and closing of kiln chamber.



The GF32E Bell model has unique features which makes it a number one choice for volume production. The firing chamber lifts and lowers electronically and the top of the chamber contains the elements in quartz rods. The floor of the kiln can be built two different ways, 1) floor has rubber wheels to roll-out for loading and unloading; or 2) floor is set on track for a smoother roll-out than the rubber wheels and can only come out as far as the track goes.



CONTROLLER OPTIONS

| Bartlett Instruments Electronic Controllers www.bartinst.com FEATURES | GENESIS  | V6-CF  | RTC-1000  | 3K-CF  |
|---|--|--|--|--|
| Keypad | Touchscreen | 24 key membrane switch | 12 key | 3 key momentary switch with overlay |
| No. of Thermocouples or Zones | 1 to 3 | 1 to 3 | 1 to 3 | 1 |
| Thermocouple Type | K, S, or R | K, S, or R | K or S | K |
| Method of Control | PID | PID | PID | on/off |
| Vary-Fire (Ramp/Hold) | Stores up to 12 user programs | Stores up to 6 programs (last fired program remains in memory) | Stores up to 6 programs (last fired program remains in memory) | Stores up to 4 programs (last fired program remains in memory) |
| Segments per program (each segment has a ramp rate to a temperature, and a soak period) | Up to 32 segments per program | 8 (can combine User program 5 and 6 to get a 16 segment program) | 8 (can combine User programs 5 and 6 to get a 16 segment program) | 8 |
| Skip-Step (move from one segment to the next ramp) | Yes | Yes | Yes | Yes |
| Add Time (to current hold period) | Yes | No | Yes (adds time in 5 minute increments) | No |
| Preset Cone Fire Programs | 4 Speeds (Slow, Medium, Slow, Medium, Fast) | 4 Speeds (Slow Bisque, Fast Bisque, Slow Glaze, Fast Glaze) | 3 Speeds (Slow, Medium, Fast) | 3 Speeds (Slow, Medium, Fast) |
| Cone Fire to Ramp Hold | Yes | Yes | No | Yes |
| Temperature Scale | °F or °C | °F or °C | °F or °C | °F or °C |
| Multi Zone Control | Yes | Yes | Yes | No |
| Delay Start | Yes | Yes | Yes | Yes |
| Alarm | Yes | Yes | Yes | No |
| Error Codes | Yes | Yes | Yes | Limited (power failure, t/c FAIL, t/c leads reversed) |
| Cost of Firing Calculation | Yes | No | Yes | No |
| Diagnostics | Yes | Yes | Yes | No |
| Wi-Fi Ready | Yes | No | No | No |
| Wi-Fi enabled for easy software updating | Yes | No | No | No |
| Compatible with KISS Computer interface | No | Yes | Yes | No |
| Data Graphing | Yes | No | No | No |
| Monitor Firing with Phone App | Yes | No | No | No |



Genesis Touchscreen Controller

Olympic Kilns' newest controller – the Genesis – for use on all electric kilns. The controller provides an intuitive user platform which will make entering data for firing programs easier and more informative. Touch-screen technology for the user interface with easy-to-follow screen descriptions. Different user-interface levels, which can be set to match the user's firing knowledge. Graphical display of the firing process right at the controller.

Kilns equipped with V6-CF or RTC-1000 controller boards can be upgraded to the Genesis controller.



KISS (Kiln Interface Software System)

Connect your Bartlett controllers to your computer for easy monitoring and data collection. In addition to the ability to remotely access the existing functions of the controller, KISS also includes the capability to collect and store data from the firing process, allowing for a detailed evaluation of the kiln's temperature during a firing. At a glance, you can monitor up to 50 different Bartlett controllers simultaneously. This is a wired connection between your controllers and the computer. This kit includes: KISS software, B&B Electronics CD, USB to RS485 converter, USB cable, 2 – 4' modular connection cables, a T adapter, 485ISO board, dip rib board, and ribbon cable.

- Monitor up to 50 Bartlett kiln controllers
- Detailed graphing of the firing
- Data collection during firing process for easy evaluation
- Easy evaluation of the kiln's temperature during the firing
- Easy installation
- User programs can be stored on the computer as files, allowing more flexibility in firing program storage, both in capacity and name.
- Not compatible with Genesis controller

2 or 3 Zone Option – 2 or 3 thermocouples installed in kiln to regulate temperatures at the top, center and bottom sections of the kiln.

480 volt – optional wiring for kiln models

Automatic Lid Shut-off – element shut-off when kiln lid is opened

Bead Collar for HotBoxes – adds depth to HotBox and has bead door for annealing.

Bead Door – 4" w x 2" h door in Top Loading models; 6" w x 2" h door in Front Loading models

Blank Collar for HotBoxes – adds additional depth to HotBoxes

Castors – wheels attached to 8" stands or frames for moving models

CE Wiring – European wiring specifications

Ceramic Paper – 1/8" thick paper to protect shelves from melting glass

Electro Sitter – equips kiln sitter kilns with an electronic controller

Electronic Wall Units – controller mounted on wall separate from kiln chamber

Elements in Quartz Rods – Lid elements are placed in glass quartz rods in a fiber kiln lid to aid in the prevention of flaking from kiln brick or element debris.

Flash Arm for Venting Glass Kilns – Optional metal arm on kiln that is notched for 2" and 4" openings for the lid venting.

Guillotine Lift – door lift for studio front loading models

Kiln Wash – Used to protect kiln shelves and kiln floor when firing glaze or glass items directly on shelf. Mix with water to the consistency of a thin pancake batter. Apply a thin coating (approximately 1/16") to kiln shelves and floor. Use on cordierite shelving. Not for use on smooth ceramic fiber board shelves, kiln walls, elements or lid.

KISS Computer Interface Starter Kit and KISS Computer Interface Add-On Kit – allows kiln operator to access kiln programming on personal computer

Lid Lift Assist – for smaller studio models that are not equipped with a lid lift

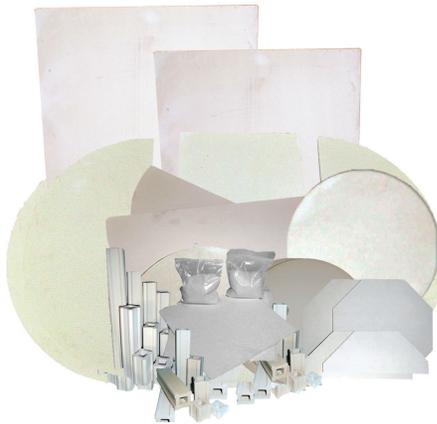
Pyrometer – Analog – used to indicate temperature

Pyrometer – Digital – used to indicate temperature

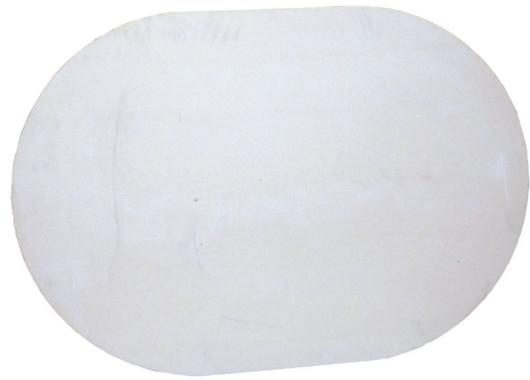
Round 2-inch Quartz Glass Viewing Window or Rectangle 2" x 4" Quartz Glass Viewing Window – Allows the kiln operator to view through a rectangle quartz glass window and see within the kiln while glass is being fired. Maximum temperature 1800°F. Must specify when ordering kiln (studio and 120 volt models only).

VentMaster – During operation, the Kiln Vent system keeps the kiln under a slight negative pressure. This pulls the fumes out of the kiln and pulls in a small amount of fresh air. Firing times are essentially the same. The fumes are exhausted directly into a duct system and removed from the kiln room. Improved airflow in the kiln results in more uniform temperatures, reducing hot and cold spots.

Vitrigraph Stand – Vitrigraphing is made easy with an adjustable stand ranging from 23" to 33" high. Frame base measures 14" x 14" wide.



Kiln Furniture Kits – shelves, posts, kiln wash, and ceramic paper.



Oval full shelves are available for all sizes – 20, 25 & 30 oval models.

Glass Kiln Furniture Kits consist of specific shelves for each model size for loading glass ware, square posts in multiple heights for staggering number of shelf levels, kiln wash and ceramic paper for protecting shelves and the bottom of the kiln from any glass drippings make up the glass kiln furniture kits.

Full shelves are available for Oval and Square 120 volt & 240-208 volt kilns.

Ceramic Fiberboard is cut to fit in the Large Capacity models. Olympic recommends firing the shelves by themselves to fire out the binders and odors. Please open windows and/or doors during this firing. Once this has been done, the shelves are ready to use. Protect shelves with ceramic paper.



Ceramic Fiberboard shelving use in Large Capacity models and Ceramic Paper to protect shelving from glass melting on shelf.



Square full shelves are available for all sizes – GF2, GF3 & GF5 models.



Custom kilns quoted upon request.



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